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Offers must acknowledge receipt of this ame				
(a) By completing terms 8 and 15, and return By separate letter or telegram which include AT THE PLACE DESIGNATED FOR THE F	es a reference to the solicitation and a RECEIPT OF OFFERS PRIOR TO THI	mendment numbers. FAILÜRE E HOUR AND DATA SPECIFIE	OF YOUR ACKNOWS D MAY RESULT IN RE	LÉDIGMENT TO BE RECEIVED JECTION OF YOUR OFFER. IF
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14. DESCRIPTION OF AMENDMENT/MODIFICATION (continued):

a. OBLIGATIONS/VALUE:

CLIN 2-

CLIN 2-TO 1012-Augmentation of ISTRES TAL Site-Equipment Contract Value Increase:

CLIN 2-T0 1014-MILA to CDSC Fiber Circuits-Equipment Contract Value Increase:

CLIN 2-T0 1018-NEEMO 6-Equipment Contract Value Increase:

CLIN 2-T01020-OTVM LCC-4 Video Display-Equipment Contract Value Increase:

CLIN 2-Baseline Configuration Imagery for FY 07 Effort Contract Value Increased Of this amount, pes to cost and

CLIN 2 Contract Value Increase

CLIN 4-

CLIN 4 – Phone Support Service-Contract Value Increase

CI IN 4 Contract Value increase:

CLIN 7-

PR4200180240

CLIN 7 - Incremental Funding Task Order 1072 - Trailer Replacement TR6-0100 - Task Order is incrementally funded - good through date is November 30, 2006.

PR4200180240

CLIN 7 - Incremental Funding Task Order 1091 - PAD A Crawlerway Distribution to CXT 8 Copper Cable -

es to fee.

Task Order is incrementally funded - good through date is November 30, 2006.

PR4200180240

CLIN 7 - Incremental Funding Task Order 1093 - Operational Television (OTV) Survivability - Camera -

Task Order is incrementally funded - good through date is November 30, 2006.

PR4200180240

CLIN 7 – Incremental Funding Task Order 1097 –LSE PCO Upgrade and CORRS Implementation - Task Order is incrementally funded – good through date is November 30, 2006.

PR4200180240

CLIN 7 – Incremental Funding Task Order 1098 –LSP Wideband Upgrade Task Order is incrementally funded – good through date is November 30, 2006.

PR4200180240

CLIN 7 – Incremental Funding Task Order 1106 – ESS-AC Network Expansion in LCC Task Order is incrementally funded – good through date is November 30, 2006.

PR4200180240

CLIN 7 – incremental Funding Task Order 1107 –SSPF Comm Rooms 3501 & 3991-Add Network - Task Order is incrementally funded – good through date is November 30, 2006.

PR4200180240

CLIN 7 – Incremental Funding Task Order 1108 –ATXS Expansion for KCCS (Multiple Projects) - Task Order is incrementally funded – good through date is November 30, 2006.

PR4200180240

CLIN 7 – Incremental Funding Task Order 1111 –CIF 3rd Floor Network Upgrades - Task Order is incrementally funded – good through date is November 20, 2006.

PR4200180240

CLIN 7 – Incremental Funding Task Order 1112 – T1 Hanger AE Wireless Lan Upgrade - Task Order is incrementally funded – good through date is November 30, 2006.

PR4200180240

CLIN 7 – Incremental Funding Task Order 1114 –CIF 1st Floor Network Upgrade-Task Order is incrementally funded – good through date is November 20, 2006.

PR4200180240

CLIN 7 – Incremental Funding Task Order 1115 – O&C Wireless Network Upgrade - Task Order is incrementally funded – good through date is November 30, 2006.

PR4200180240

CLIN 7 – Incremental Funding Task Order 1116 – SSPF Comm Rm 2278 Network Upgrades - Task Order is incrementally funded – good through date is November 30, 2006.

PR4200180241

CLIN 7 - Fully Funded Task Order 1123 - Voice TAL Site Satellite Radio Replacement - Task Order is Fully Funded - good through date is November 17, 2006. Contract Value Increase:

CLIN 7-Task Order 1027-(Mod 7)-Ground Camera Assent Imagery Project Contract Value Increase:

CLIN 7 Total Funding Increase:

CLIN 7 Contract Value Increase:

c. INCORPORATE INTO THE CONTRACT:

- The attached Section B, pages, 1, 3, 6 & 7 of 9, is hereby incorporated into this contract and shall be inserted in Section B.
- o The attached Section J.8, pages 2-4, CLIN 7 values, is hereby incorporated into this contract and shall be inserted in Section J.8.
- o The attached Section J.1, Statement of Work, paragraphs 4.2.5, 4.2.6 and 4.2.7 (pages 66-78.2) are hereby incorporated into the contract.
- o The attached replacement pages for Section J.6, Indefinite Delivery/Indefinite Quantity (IDIQ) Pricing Schedules, (b) CLIN 0004 for Government Fiscal Years 07 and 08 are hereby incorporated into the contract.

d. FUNDING/CONTRACT VALUE:

- o Funding for GLIN 7 is increased by
- o Total increase in funding is
- Contract Value for CLIN 2 increased by
 Contract Value for CLIN 4 increased by
- o Contract Value for CLIN 7 increased by

End of Modification 86

PART 1-THE SCHEDULE

SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 COST-PLUS AWARD FEE/FIXED PRICED INDEFINITE DELIVERY/INDEFINITE QUANTITY

The contractor shall provide Kennedy Integrated Communication Services (KICS) in accordance with Attachment J-1, Performance Work Statement under a cost-plus award fee/cost plus fixed fee, fixed price indefinite delivery/indefinite quantity type arrangement. The estimated cost and award fee is set forth in Table B-1B below.

Table B-1A	Estimated Cost and Fee			
CLIN	Description	Estimated Cost	Award Fee	Total Cost Plus Award Fee
	Basic Requirements (Cost Reimbursable)		A demonstration of the second and th	
1/1/04 - 9/30/08 in accordance with Performance Work				
2	Statement Section J-1			

Table B-1B	Breakdown of Basic Period Cost and Fee	Office ordering and a Viviging of	The state of the s	
	Transferontation to the state of the state o	Estimated	à ward	Total Cost Plus Award
Contract Line Item No.		Cost	Ree	Fee
(CLIN)	Description	Market 1984s and	Remarks to the second s	Total
	Basic Requirements	e deserte and the second of th		s
	1/1/04 - 9/30/04	· Linner		
2	10/1/04 - 9/30/05	Province		
	10/1/05 - 9/30/06	(Versiter our		
	10/1/06 - 9/30/07	- Commentered Commenter Commentered Commenter Commentered Commente		
!	10/1/07 9/30/08	Pro-removal poly.		

TOTALS

BB AWARD FRE

The amount of fee earned by the contractor under CLIN 3002 shall be determined in accordance with Attachment J.4, Award Fee Evaluation Plan. The amount of available and earned fee, by evaluation period, is provided in Table B-3 below:

Table B-	Available and Earned	W W		6	THE CALL THE	
3	<u> Fee</u>			10 mm		<u> </u>
				**************************************		7. 1.7.
CLIN 0002	Evaluation Periods	Available Fee	Barned Fee	Score	Rating	Fee Mod No.
3	1/1/04 - 3/31/04	**		_	Excellent	6, 8
2	4/1/04 - 9/30/04				Very Good	26, 33, 47, 83
3	10/1/04 - 3/31/05				Excellent	48
4	4/1/05 - 9/30/05				Excellent	64
5	10/1/05 - 3/31/06			3	Excellent	73
6	4/1/06 - 9/30/06			, drag uppyra ug	Excellent	85
7	10/1/06 - 3/31/07			Agenta Agenta		
8	4/1/07 - 9/30/07					
9	10/1/07 - 3/31/08					
10	4/1/08 - 9/30/08	1				

B.4 NFS 1852.232-81 CONTRACT FUNDING (JUN 1990)

For purposes of payment of cost, and fees in accordance with the Limitation of Funds or Limitation of Costs clause as applicable, the total amounts allotted by the Government to this contract and the period of performance through which it is estimated these funds will cover are specified in Table B-4. Also included in this table is the total amount obligated under this contract for payment of fee. These allotments are applicable to the basic KICS services provided in CLIN 0002 and are considered adequate to reimburse the contractor's performance through the dates shown in the table.

Table B.4 Contract Funding - con't

	AMOUNT												=																	
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Table B-4A Summary BASIC Period (FY2004- FY2008)	a garan ayan masan ayan ayan ayan ayan ayan ayan ayan
Phase In Period 1 st Quarter of FY04	GLIN 0001
Basic Requirements (Cost Reimbursable)	GL!N 0002
Maximum Available Award Fee	CLIN 0002
Indefinite Delivery/indefinite Quantity (IDIQ)	CL/N 0003
Administrative Telephones	CUN 0004
indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0007
Total Estimated Contract Value	and the state of t

^{*} amounts include overrun adjustment (Mod 74).

B.5 SPECIAL COST PROVISIONS (KSC 52.231-90) (DEC 2000)

Pursuant to the terms of the contract FAR clause 52.216-7 entitled "Allowable Cost and Payment", the contractor shall be reimbursed for such actual and allowable expenditures incurred in the performance of work required by this contract as may be approved by the Contracting Officer, subject to the following limitations and provisions:

(a) TRAVEL

Pursuant to Title 11, Section 21 of the Federal Civilian Employee and Contractor Travel Expense Act of 1985 (PL 99-234), reimbursement for travel shall be in accordance with the provisions of FAR 31.205-46. Travel required in performance of work under this contract shall be in accordance with the Contractor's approved travel policy.

(b) PROVISIONAL INDIRECT BILLING RATES

Provisional billing rates for indirect cost pools shall be set at the discretion of the Contracting Officer based upon proposals from the contractor and following review by Government auditors. These provisional billing rates shall be specified in writing and may be revised either retroactively or prospectively by the Contracting Officer. Prior to each Contractor fiscal year, the Contractor shall submit a proposal for the coming year's provisional billing rates. If during the course of any particular year a significant disparity should arise between the approved provisional billing rates and the actual rates, the Contractor shall submit a proposal requesting consideration for revision of the provisional rates to ones more closely reflective of the actual rates anticipated of the year. After expiration of each of its fiscal years the Contractor shall adjust its billings to the estimated actual rates.

To prevent substantial over or under payment, the provisional billing rates may, at the discretion of the Contracting Officer, be revised, either retroactively or prospectively, and such revision shall be set forth in a modification to this contract.

NASTO-03111 Section J-8

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distribution coaxial cables, 107+ Main Distribution Frame cross connects, 1700+ Telephone Terminal Cabinet cross connects, 550+ Manholes, Handholes and associated conduit systems, 42+ Cathode Protection Rectifiers, 22+ Air Dryers, Main Distribution Frame (MDF) to MDF through the Communications Manhole System, Intermediate Distribution Frames, Launch Complex (LC)-39 pad and systems cables, Launch Control Complex (LCC) to LC-39 Vehicle Safing cables, Repeaters, Cross Connect Terminals, Telephone Terminal Cabinets, Facility cable trays (inside and outside), Main Distribution Frames, Fiber Optic Terminals, Wideband Terminals, Cable Records Management – Circuit Assignment Management System (CAMS), Facility premise wiring, Test Board, Flow Meter Panels, and Frame Lights.

UNIQUE REQUIREMENTS: Clear Frame and safing cables

FACILITY DESCRIPTION: All areas of KSC.

4.2.5 Administrative Telephones

The performance period for this section begins December 1, 2004.

The contractor shall provide the Operation, Administration and Maintenance (OA&M) of administrative telephone system in support of all KSC residents. There are approximately 17,500 instruments and/or ports in approximately 275 buildings associated with this service agreement.

The contractor shall provide end-to-end support for adds, moves and changes. A move is defined as de-installation, move and re-installation of system hardware requiring a physical dispatch of a technician or analyst. A virtual move is one that does not require a physical dispatch of a technician or analyst. The service provided and work performed shall be in accordance with Industry (BellCore) standards.

The switch infrastructure and local and long distance trunking will be provided by the government. The contractor shall monitor traffic usage on these trunk groups and notify the government when usage approaches levels of service degradation (P 0.01).

The contractor shall provide operator services processing international calls, collect calls, conference calls, other operator-assisted calls, maintain current directory assistance information, and log information on billable calls. The operators shall provide incoming callers with answers to routine questions not requiring Public Affairs intervention.

The contractor shall employ telephone engineering and operations personnel, adequate to support existing and future requirements, who are proficient in Voice over IP (VoIP) technology, including but not limited to, VoIP phones, associated call managers and gateway systems.

The VoIP systems interface to the KSC Institutional Network and the legacy KSC Administrative Telephone System. The contractor shall support these interfaces and provide all required programming to facilitate connectivity.

The contractor shall operate and maintain the SecureLogix system. The contractor shall review the logs and make recommendations to identified NASA telecommunications personnel and implement changes and rule based policies as directed.

The contractor shall provide current telephone data to support the KSC E911 center on a weekly basis. This data shall include the building, room, occupant/assignee, organization and mail code, and directory number/s for all active ports on KSC. This data, sorted by seat type, shall also be supplied to the COTR on a monthly basis. The contractor shall maintain the E911 switch and it's interfaces with the KSC and CCAFS phone systems.

The contractor shall provide information as requested in support of security, Office of Inspector General (OIG) or managerial investigations. This information may be required on short notice. The contractor shall supply Telephone Call Detail reports as defined in DRD-T-3.

The contractor shall provide a Help Desk for customers to report troubles, obtain information on instrument/system operations, and status on open work.

The contractor shall provide user training to assure customers receive adequate operating information on their type of instrument. The contractor shall supply operating guides which will walk users through routine operations for their instrument type, including frequently asked questions.

KSC also has a Siemens HiPath 4000 switching system located in the Launch Control Center (LCC). The HiPath switching system is unique in that it is considered a Private Branch Exchange and stands alone (has its own operating system and provides its own dial tone) from the existing class 5 Siemens EWSD switch that provides dial tone to the rest of the KSC campus.

4.2.5.1 Phone Seat Description

Each Phone Seat will provide the service required to ensure an appropriate phone instrument and complete phone system is available as specified. This includes

instruments, infrastructure, and other required services to provide telephone related connectivity within, and external to, the Center. Also included in this service is the maintenance and administration of the telephone infrastructure; basic services (operational configuration, engineering and maintenance of analog and digital telephone switching system); moves adds, changes; corrective/preventative maintenance of telephone instruments and drops.

4.2.5.1.1 PH1 Phone Description

Functionality: Provides full phone services for a standard hallway or lab phone.

Standard Services:

Service Type	Service Level	Typical Service Characteristic
Instrument	Single	Single line phone
Line Type	Analog	Analog line
Voice Mail	None	No voice mail
Feature Set	Standard	Call forwarding, transfer, forward, camp, etc.
Moves/Adds/Changes	Regular	<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours
Restore to Service	Regular	Restore to service by close of next business day

4.2.5.1.2 PH2 Phone Description

Functionality: Provides full phone services for a standard desktop or lab phone with voicemail. (Nortel 9316CW or equivalent and compatible)

Standard Services:

Service Type	Service	Typical Service Characteristic
	Level	
Instrument	Single	Single line phone with display
Line Type	Analog	Analog line
Voice Mail	Standard	Voice mail
Feature Set	Standard	Call forwarding, transfer, forward, camp, etc.
Moves/Adds/Changes	Regular	<= 5 moves/adds/changes completed within 2 work
		days, no field visit 8 hours
Restore to Service	Regular	Restore to service by close of next business day

4.2.5.1.3 PH3 Phone Description

Functionality: Provides enhanced feature set phone service intended for use in a branch or division office setting (e.g., secretary phone). (Optiset 1200 or equivalent and compatible)

Standard Services:

Service Type	Service	Typical Service Characteristic
	Level	
Instrument	Multi-12	12 line phone with display
Line Type	Digital	Digital ISDN line
Voice Mail	Standard	Voice mail
Feature Set	Enhanced	Standard plus additional features
Moves/Adds/Changes	Regular	<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours
Restore to Service	Regular	Restore to service by close of next business day

4.2.5.1.4 RESERVED

4.2.5.1.5 PH5 Phone Description

Functionality: Provides full VoIP phone services for a standard desktop or lab phone with voicemail.

Standard Services:

Service Type	Service Level	Typical Service Characteristic		
Instrument	Single	Single line phone		
Line Type	VoIP	10/100 Ethernet		
Voice Mail	Standard	Voice mail		
Feature Set	Standard	Call forwarding, transfer, forward, camp, etc.		
Moves/Adds/Changes	Regular	<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours		
Restore to Service Regular Restore to service by close of next		Restore to service by close of next business day		

4.2.5.1.6 PH6 Phone Description

Functionality: Provides enhanced feature set VoIP phone service intended for use in a branch or division office setting (e.g., secretary phone).

Standard Services:

Service Type	Service Level	Typical Service Characteristic			
Instrument	Multi-12	12 line phone with display			
Line Type	VoIP	10/100 Ethernet			
Voice Mail	Standard	Voice mail			
Feature Set	Enhanced	Standard plus additional features			
<u></u>		<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours			
Restore to Service Regular Restore to		Restore to service by close of next business day			

4.2.5.1.7 PRI Service Description

Functionality: Provides new or additional Primary Rate Interface (PRI) service to devices. (Example: New Video Conferencing Unit)
Standard Services:

Service Type	Service	Typical Service Characteristic		
	Level			
Instrument	None	N/A		
Trunk Type	Digital	23B + D		
Voice Mail	None	None		
Feature Set	Enhanced	Enhanced PRI Features		
Moves/Adds/Changes Regular Moves/adds/changes completed within days, no field visit 8 hours		Moves/adds/changes completed within 5 work days, no field visit 8 hours		
Restore to Service Critical Restore to service within 2 contiguous h		Restore to service within 2 contiguous hours		

4.2.5.1.8 PH7 Phone Description

Functionality: Provides full HiPath phone service intended for standard desktop, consol or lab phone with voicemail for the phones connected to the Siemens HiPath 4000 switching system located in the Launch Control Center (LCC). Standard Services:

<u>Service Type</u>	Service Type Service Level Typical Service Characteristic		
Instrument	Multiline	8 line phone	
Line Type	Digital	Digital Line	
Voice Mail	Standard	Voice mail	
Feature Set	Enhanced	Standard plus additional features	
Moves/Adds/Change Regular <= 5 moves/adds/changes completed with		<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours	
Restore to Service Regular Restore to service by close of ne		Restore to service by close of next business day	

$\begin{array}{ll} 4.2.5.1.9 & \hbox{Voice Mail/Records (Voice Mail Box Only Seat) VM/R Service} \\ \hbox{Description} \end{array}$

Functionality: Provides the ability to own a Voice Mail Box or have records without the use of a physical line. The seat does not require an instrument or port, only a DN assignment and a mail box. This is referred to as a Pseudo line as it does not have any physical characteristics; it is created and maintained by the EWSD switch software. If a Voice Mail Box is not required, it will be referred to as a "records only line".

Service Type Service Level Type		Typical Service Characteristic
Instrument	N/A	
Line Type	N/A	
Voice Mail	Standard	Voice mail
Feature Set	N/A	
Moves/Adds/Change	Regular	<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours
Restore to Service	Regular	Restore to service by close of next business day

4.2.5.2 Phone Service

Service Description: Provides the service to ensure an appropriate phone instrument and complete phone system is available to the specified Phone Type. This includes instruments, infrastructure, and other required services to provide telephone related connectivity within, and external to, the Center. Also included in this service is the maintenance and administration of the telephone infrastructure; basic services (operational configuration, engineering and maintenance of analog and digital telephone switching system); moves, adds, changes; user training; help desk; corrective and preventative maintenance of telephone drops.

4.2.5.2.1 Instrument

Service Description: Provides for the phone instrument type.

Service Levels	Typical Service Characteristic
Single	Single line phone instrument
Dual	Dual line phone instrument
Multi-12	12 line phone instrument
Multi-24	24 line phone instrument
No Instrument	Seat with no instrument or instrument is provided and maintained by the Government.

4.2.5.2.2 Line Type

Service Description: Provides for the desired line type.

Service Levels	Typical Service Characteristic
Analog	Analog line
Digital	Digital line
VoIP	10/100 Ethernet port

4.2.5.2.3 Voice Mail

Service Description: Provides the services required for a voice mail system with the following capabilities: recorded announcements, audio and visual indicators of messages awaiting retrieval, forwarding capability, broadcast (voice mail lists), 15 minutes of storage, auto dial voice mail caller, auto reply (send message back to voice mail caller), create, delete, retrieval of messages from any DTMF phone (internal or external to Center). Retrieval of messages external to the Center shall be accessible via a toll-free number provided by the government.

Service Levels	Typical Service Characteristic		
None	No voice mail		
Standard	Voice mail with above capabilities		
Enhanced	Voice mail with 30 minutes of storage		

4.2.5.2.4 Feature Set

Service Description: Provides for a standard set of features to be provided with the phone seat

Service Levels	Typical Service Characteristic
Standard	Call forwarding, transfer, forward, intra-Center conferencing, camp,
	redial, hold, call park, caller ID, call waiting, message waiting
Speaker	Standard features plus speaker phone
Enhanced	Standard features plus speaker phone, call pickup/hunt group, speed call, auto dial, caller ID, call waiting, message waiting

4.2.5.2.5 Moves/Adds/Changes

<u>Service Description:</u> Provides for a standard set of moves/adds/changes on one work order to be provided with the phone seat

Service Levels	Typical Service Characteristic
Regular	<= 5 moves/adds/changes completed within 2 work days, no field visit 8 hours
Enhanced	<= 5 moves/adds/changes completed within 1 work day, no field visit 4 hours

4.2.5.2.6 Restore to Service

Service Description: Provides standard maintenance services including: System diagnostics and troubleshooting; System and component maintenance; Configuration changes, tracking, and documentation. The COTR will have the right to re-prioritize the restore to service requests on a real time basis up to 1% of the total seats per month to accommodate KSC senior level staff.

Service Levels	Typical Service Characteristic
Regular	Restore to service by close of next business day
Critical	Restore to service within 2 contiguous hours

4.2.5.2.7 Temporary Suspended Service

Service Description: Provides minimal level of service (suspended service). The number and all cross connects will not be removed; however the instrument will be removed. When service is restored to normal operation an instrument will be provided. If an instrument is placed on the line during temporary suspended service, it will be capable of dialing 911.

Service Constraints: The Government may request the Temporary Suspended Service rate up to a maximum of 12 months. The rate will return to the full rate after the suspended period ends unless the Government notifies InDyne within 30 days of the end date to extend the Temporary Suspended Service period. The service will remain suspended until the Government notifies InDyne to resume designated service. If the service is suspended for less than 30 days, the charges are not reduced. There will be no additional charges to perform the suspended service or resume designated service. The maximum number of phone seats with Temporary Suspended Service can not exceed 5% of the total of all seats at any given time. The service will be offered for PH1, PH2, PH3, PH5, PH6 and PH7 categories.

ADDRESS/LOCATION:

All areas of KSC

SUPPORT REQUIREMENT:

8 hours X 5 days/week, off hour call-in, Operator service 6:00 am to 6:00pm, Additional support as

required by schedule

FUNCTIONAL DESCRIPTION:

The Administrative Phone System is a Siemens EWSD Class 5 Central Office Host Switch (located in M6 138 (CD&SC) Room 128) with Remotes located in the major KSC facilities. The switch has all of the features and functionality of a Class 5 CO including CLASS, SS7 and ISDN. The system has an integrated voice mail system, a conference bridge, a SecureLogix Telephone Firewall and a Multi Port Conferencing Unit for ISDN Video. The system integrates with an E-911 switch (O&M included in this contract) to provide PSAP (Public Safety Answering Point) services to KSC. The switch provides connectivity to outside KSC through PRI trunking to the local calling area and between NASA Centers and long distance through FTS (Federal Technology Service-GSA). The phone system provides point-to-point links to and from launch critical operations. The majority of KSC phones are single line display type phones with Caller ID speakerphone, voice mail and CLASS features. The next largest users have ISDN multiline speakerphones with display. There are several PRI (Primary Rate Interface) spans servicing video, RAID and other data requirements.

UNIQUE REQUIREMENTS:

None

FACILITY DESCRIPTION:

Throughout KSC

4.2.6 Institutional Computer Networks

The contractor shall provide the design, installation, operations, maintenance and sustaining engineering for the Kennedy Space Center institutional computer Network (KNET). Contractor shall meet customer data delivery requirements for institutional functions at KSC and the NASA occupied facilities at the CCAFS. Institutional requirements include data necessary for day-to-day business (for example email, internet, work control) and process sensitive elements in support of KSC missions and programs. Institutional network KNET delivers data to-and-from desktops, Local Area Network (LAN), Metro Area Network (MAN) and Wide Area Network (WAN). The contractor shall include end-to-end configuration and validation of KNET system equipment and related software.

The contractor shall provide network services per government approved standards and protocols in accordance with NASA Chief Information Officer (CIO) Executive Notices, policies, directives, procedures, guidelines and associated Security standards, including but not limited to, NPG 2810. The contractor shall follow KSC Institutional Network

Connectivity Procedure (KDP-KSC-P1444) to provide a consistent customer request process for acquiring network connectivity while ensuring that mandated security requirements for personnel and equipment are satisfied.

The contractor shall install, operate, and maintain network hardware and software in support of administrative and general-purpose computing systems utilizing, but not limited to: Routers, Hubs, Switches, Network Repeaters, Wireless Access Points and DSL LAN extenders. The contractor shall operate and maintain a complete network management system including in-band primary and backup network operations centers and the out-of-band network management system. Contractor shall maintain and upgraded network systems to meet changing industry standards.

The contractor shall provide operations, maintenance and sustaining engineering of network management support infrastructure including but not limited to: Domain Name Servers (DNS), Dynamic Host Configuration Protocol (DHCP) servers, Policy Based Routing (PBR), Virtual Local Area Networks (V-LANs), network time servers, network operations database servers, network operations web servers, network security services Remote Access Services including Virtual Private Network (VPN)) servers, authentication services Secure Socket Layer based Proxy Gateways and Plain Old Telephone System (POTS), Integrated Services Data Network (ISDN) Dial-up based services, Call Managers and Voice over IP (VoIP).

The contractor shall maintain a database of all IP addresses assigned to KSC and NASA assigned facilities at CCAFS. Database shall include a minimum set of information for each customer including, but not limited to: IP address, customer name, building number, room number, Customer Face Plate (CFP) number; hardware or machine address, operating system, switch and port number. Contractor shall provide online database access to NASA networks personnel and IT managers as required.

The contractor shall continue to upgrade and improve performance for data transmissions to-from MAN and LAN (delivery to customers). The contractor shall provide engineering and sustaining engineering to include, but not limited to, obsolescence replacement and uniform data standard level improvement (i.e. 100 Mbps desktop and 1000 Mbps Ethernet Backbone) to provide customers with ubiquitous data network infrastructure support that improves service levels across KSC and NASA occupied facilities in the CCAFS area.

ADDRESS/LOCATION:

All areas of KSC

SUPPORT REQUIREMENT:

16 hours X 5 days/week, Additional support as

required by schedule or Mission support

FUNCTIONAL DESCRIPTION:

KNET provides approximately 13,000 network connections. It is estimated that this number will increase to approximately 15,000 over the next 3 to 5 years. KNET currently supports IP based protocols and is controlled using over (30) Routers, (600) Switches and Hubs to provide networking to over 240 buildings and trailers throughout KSC and NASA assigned CCAFS facilities.

The current network consists of 10/100/1000 Mbps Ethernet and associated cable for data transmission to desktop and servers (i.e. email, web, X.500, streaming audio/video, etc.). KNET is built upon and utilizes cabling and capabilities discussed in section 4.2.5 Cable Plant. KNET sustaining engineering efforts include upgrading obsolete 10base2 Ethernet connections with 10/100 Mbps switched Ethernet and Category 5e premises wiring. Several remote locations within KSC, where fiber optic cable is not available, are served by Digital Subscriber Line (DSL) equipment at lower speeds.

KNET uses PBR and VLANs to provide three segmented/logically isolated networks referred to as Private, Public, Open network (three islands) across KSC and NASA occupied facilities at CCAFS. KNET interconnects between its geographically dispersed facilities with its Kennedy Metropolitan Area Network (KMAN) a redundant, primary and secondary, 100/1000 Mbps Ethernet switched backbone.

KNET provides: Domain Name Servers (DNS), Dynamic Host Configuration Protocol (DHCP) servers, Policy Based Routing (PBR), Virtual Local Area Networks (V-LANs), network time servers, network operations database servers, network operations web servers, network security services remote access services including Virtual Private Network (VPN)) servers, authentication services Secure Socket Layer based Proxy Gateways, POTS and ISDN Dial-up based services, Call Managers and Voice over IP (VoIP).

KNET's Network Control Center (NCC) operates from a primary location at the Central Instrumentation Facility (CIF) and a backup location at the Operations and Checkout (O&C). Network system management uses software and protocols including but not limited to: HP Openview network management software, 3COM Transcend, Cisco Works and Simple Network Management Protocol (SNMP) to remotely manage and administer network systems. KNET uses premises wiring typically consisting of a minimum of one Customer Faceplate Plate per 100 square feet of area each delivering 3 data Category 5e and one fiber optic multimode cable (future use).

UNIQUE REQUIREMENTS:

None

FACILITY DESCRIPTION:

Throughout KSC and CCAFS NASA assigned

facilities.

4.2.7 Network IT Security

The contractor shall perform IT Security activities in areas of security scans, incident response, system and log monitoring, security patches and updates, and reporting. The contractor shall support NASA IT Security personnel performing IT Security functions.

The contractor shall provide technical/engineering support to the Agency Network Security Perimeter Configuration Control Board (NSP-CCB) and the Center Network Control Board (NCB).

The contractor shall provide and maintain all required IT Security plans related to the KICS supported communications systems and/or services, per the agency designated formats and guidelines.

The contractor shall meet all approved standards and protocols in accordance with NASA Chief Information Officer (CIO) Executive Notices, policies, procedures and guidelines in addition to those designated specifically by the Kennedy Space Center Office of the CIO and the KSC/NASA communications infrastructure management. The contractor shall meet all approved standards and protocols in accordance with the NASA Procedures and Guidelines, NPG 2810.1, Security of Information Technology.

The contractor shall provide support to the government for operational services for the center network based information technology (IT) security protections and monitoring/measurement capabilities. The contractor shall provide the first line of network based monitoring and defense of IT resources, as well as provide a common shared IT Security operations capability to support the IT system environments that utilize the center networks as their primary communications transport service.

The contractor shall support the operations, maintenance, system administration, user support, and sustaining engineering of the following: the principal KSC network authentication systems, the KSC strong authentication system, the KSC IT Security/Network documentation databases, the KSC network perimeter access control systems, the KSC and Agency defined intrusion detection/monitoring systems, and all KICS managed systems related to the storage, tracking and auditing of all required Network/IT Security configuration/review/approval documentation processes and data.

The contractor shall implement government approved system rule set/configuration modifications to the network perimeter protection systems, including modifications to the firewall rule sets, editing of router based Access Control Lists (ACLs), and keep an accurate record log of all changes made to the system. The contractor shall retain

electronic archival copies of the firewall traffic logs, firewall rule sets and related router/switch configurations.

The contractor shall actively review and validate the logs of management access to the network service delivery infrastructure to verify that only authorized individuals are connecting to these systems. The contractor shall assure that any modifications to the configurations of these devices are performed in accordance with government documented practices. The contractor shall review the log daily and report any unauthorized attempts to access this equipment to the IT Security management personnel for further investigation and resolution.

The contractor shall provide all relevant firewall traffic logs, intrusion detection activity reports, monitoring system data, network authentication system activity logs, strong anthentication account activity data, and/or any available network data required to support an IT Security forensics investigation. The contractor shall provide engineering analysis support to aid in the interpretation of all activity log data provided.

The contractor shall maintain a comprehensive IT Security/Network documentation database containing all of the required data fields. The contractor shall ensure that the documentation data stored in this system has been verified to be accurate not less frequently than quarterly by means of the use of automated Scan tools where possible, and by monthly auditing of a randomly selected but statistically significant subset of the entries in the database for closer inspection and validation.

The contractor shall monitor all network traffic crossing the designated center ingress/egress points, as well as the instrumented internal backbone locations using the government defined and provided intrusion detection/monitoring systems. The contractor shall initiate incident response procedures by providing notification to the designated IT Security personnel when confirmation of suspicious network traffic/protocol behavior is detected.

The contractor shall report any observed suspicious network protocol/traffic behavior for further investigation and/or the initiation of IT Security incident response actions. This will be accomplished using both the designated intrusion detection and monitoring systems, as well as any other contractor supported systems.

The contractor shall support the design, configuration, operation and data reporting of special purpose/function IT Security sensors/systems. These systems are used to detect specific events or to identify and quantify the presence of IT system vulnerabilities.

The contractor shall operate the Remote Authentication Dial In User Services (RADIUS) subsystems. RADIUS subsystems pass network specific authentication requests to the relevant user account/authentication /authorization systems managed by each of the respective IT organizations.

The Contractor shall issue and retrieve hardware tokens related to the KSC strong authentication system as directed by the government. The contractor shall utilize Communication Control to provide user telephone support. The contractor shall provide troubleshooting and problem isolation of functions related to the tokens and the user's system account, and maintain the relevant KSC strong authentication services system utility support subsystems.

The contractor shall perform IT vulnerability scans in accordance with government directives/instructions and at a frequency of at least quarterly, or when requested. The contractor shall provide special purpose IT Security vulnerabilities/assessment scans to identify/isolate a known IT Security vulnerability issue that requires immediate attention.

The contractor shall perform periodic auditing of the current KICS communications systems/architecture configurations with IT Security assessment results and recommendations. The contractor shall identify the corrective action to be taken and any additional resources required to minimize or eliminate the condition resulting in the weakness or problem area/process.

The contractor shall, in conjunction with the government; maintain a call down list process to notify appropriate IT Security personnel. The contractor shall initiate and perform an immediate IT Security incident response upon activation of the IT Security call down list per the instruction of the designated government personnel.

ADDRESS/LOCATION:

KSC Building M6-138 (CD&SC), Building M6-39 (PSCN), Building 360 (CIF), Building 60680 Hangar AE

SUPPORT REQUIREMENT:

16 hours X 5 days/week. Additional support as required by schedule and required support activities. After hour Response to Network events shall be within 1 hour.

FUNCTIONAL DESCRIPTION:

The Network IT Security systems include the following: perimeter access control, intrusion detection/monitoring, and network authentication.

The KSC perimeter access control systems are located at the two major and one minor ingress/egress points to the Kennedy Space Center. They are comprised of COTS firewall appliances running in concert with clustering/high availability solutions and interconnected with multiple routers and switches all performing a fundamentally different function. These systems are the principal means of dividing the center network environment into the major IT security zones and the interfaces to the Wide Area Networks/Internet. These systems are comprised of isolation routers and located at KSC and CCAFS.

The KSC intrusion detection/monitoring systems are a combination of COTS and open source tools based on Agency mandated product sets, KSC standard solutions, and a variety of open source alternatives to supplement these core solutions when necessary. These systems provide distributed multi-purpose and point solutions to meet a wide spectrum of IT Security monitoring/logging requirements. They are primarily co-located at the primary center ingress/egress points with the perimeter access control systems, although a number of the sensors are distributed out to a smaller number of key network traffic transit locations internal to each security zone.

The KSC IT Security analysis capabilities are a series of systems that provide both ongoing IT Security vulnerability scanning/assessment functions to the entire center and post analysis of the data collected by the intrusion detection/monitoring systems including the network infrastructure elements (via Syslog/RADIUS/Netflow data). The KSC IT Security /IP/ Media Access Control (MAC) address registry database and perimeter access request databases reside on several small server class systems running internally developed databases based on COTS database software. These systems are located primarily in the Network Operations Center area of the CIF building. The KSC network authentication systems are primarily a series of redundant RADIUS and TACACS+ systems providing both a basic network authentication/account activity logging service and a pass-through authentication function to more complex authentication systems that exist in the external IT organizations at KSC. These network authentication services provide intermediate authentication to a number of the KICS supported network services such as the Secure Remote Access System (VPN), Wireless LANs (both private and open), and the center dial-in services. All of these systems utilize the same basic COTS software for possible future integration. The KSC strong authentication system is a COTS, two Factor, Hardware Token based authentication system that provides a primary source of account authentication for portions of the network infrastructure elements, several remote network access subsystems (S-RAS and Dial-In), and a number of IT environments/systems. These systems require a higher-strength authentication service than can be offered in the traditional IT environments on center. Redundant nodes of this system are adjacent to the isolation router perimeter WAN ingress/egress points and a number of the center's network infrastructure services systems (such as DNS).

UNIQUE REQUIREMENTS:

None

FACILITY DESCRIPTION:

Throughout KSC and CCAFS NASA assigned

facilities.

KSC INTEGRATED COMMUNICATION SERVICES CONTRACT
INDEFINITE DELIVERY/INDEFINITE QUANTITY
PRICING SCHEDULE - CLIN 0004
CATALOG OF PRODUCTS & SERVICES - ADMINISTRATIVE TELEPHONES

KSC INTEGRATED COMMUNICATION SERVICES CONTRACT
INDEFINITE DELIVERY/INDEFINITE QUANTITY
PRICING SCHEDULE - CLIN 0004
CATALOG OF PRODUCTS & SERVICES - ADMINISTRATIVE TELEPHONES

		<u></u>	1. CONTRACT ID COO	PAGE OF PAGES
AMENDMENT OF SOL	JCITATION/MODIFICATIO	N OF CONTRACT	N/A	1 3
2. AMENIMENT MODIFICATION NO	S. OFFETTIVE DATE	4 REGRETTONPERCHASE	FRED MO	5. PROJECT NO IT spressions
87	See Block 16C	See Attached	Paces,	N/A
6. (\$56.50 BY	OP-ES	7 ADMARSTERED BY 90 offi	er than item 6)	:00E
NASA, John F. Kenner	dy Space Center	4		
Office of Procurement				
Mail Code: OP-ES Attr	n: Janet Thodos	1 11 11 11 11 11 11 11 11 11 11 11 11 1		
Kennedy Space Cente	r , FL 32899		•	•
8. NAME AND ADDRESS OF CONTRACTOR			9A AMENDM	ENT OF SOLICITATION NO
InDyne, Inc.			9B. DATED (SEE (TEM:1)
6862 Elm Street, S	Suite 700		YP29	
McLean, VA 2210			10A: MODIFE	CATION OF CONTRACT ERRORP NO
10000000	•			1.0-03111
				(SEE ITEM 13)
code 1LJ00	FACILITY CODE			2003
11.	THIS ITEM ONLY APPLIES T			<u>an ann an Aireann an Aireann an an Aireann an Aireann an Aireann an Aireann an Aireann an Aireann an Airean</u>
The above numbered solicitation is a				· —
Offers must acknowledge receipt of this	amendment prior to the hour and date sp	ecilied in the solicitation or as	amended, by one of the f	ollowing methods.
(a) By completing items 8 and 15, and re By separate letter or telegram which inc AT THE PLACE DESIGNATED FOR TH	ludés a reference to the solicitation and re-pension of opening paint to Ti	amendment numbers. FAILU HE HOUR AND DATA SPECIF	RED MAY RESULT IN R	EJECTION OF YOUR OFFER IS
by virtue of this amendment you desire the effective to the solicitation and this amendment. 12. ACCOUNTING AND APPROPRIATION DO	to change an offer already submitted, so retiment, and is received prior to the ope-	Joh change may be made by t	elegram or letter, provio	ed each leisgram or leiter makes
See attached				
13. THI:	S ITEM APPLIES ONLY TO MO	ODIFICATIONS OF CO	VTRACTS/ORDER	S,
πN	AODIFIES THE CONTRACT/O	RDER NO. AS DESCRI	BED IN ITEM 14.	
A THIS CHANGE ORDER IS ISSUE	DPURSUANT TO: (Specify authority) THE (Manges set forth in Item 14	ARE MADE IN THE CONT	ract ofider NO. By Tem 194
FORTH IN ITEM 14, PURSUANT	ACT/ORDER IS MODIFIED TO REFLECT TH TO THE AUTHORITY OF FAR 42,103(5).		ach as charges in paying of	fice, appropriation date, etc., SET
X NFS 1852,232-81 Confract Fun		HORITY OF:		
D. OTHER Specify type of modification	signit accounty			
E. IMPORTANT: Contractor	X is not is required to sid	in this document and re	turn 2_copies	to the issuing office.
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See pages 2-3				
15A. NAME AND TITLE OF SIGNER (TYP	e සැරක්ව	16A NAME AND TITLE OF	CONTRACTING OFFICE	R. (Type or print)
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(Signature of person authorized	to sign)	Thomas A	Guntaguay Olikosi)	
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14. DESCRIPTION OF AMENDMENT/MODIFICATION (continued):

A. OBUGATIONS/VALUE:

CLIN 2 -

PR 4200181909

CLIN 2 - Incremental funding Baseline Operations for Shuttle -

Of this amount.

goes to cost and

goes to fee.

PR 4200181909

CLIN 2 - Incremental funding Baseline Operations for Shuttle -Ground Camera -

Of this amount.

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PR 4200181909

CLIN 2 - Incremental funding Station Baseline Ope

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PR 4200181909

CLIN 2 - Incremental funding G&A WBS 3.8 Photo Baseline Ops

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PR 4200181909

CLIN 2 - Incremental funding Shuttle Launch & Landing Transition and Ret. Special Project

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es to fee.

PR 4200182155

CLIN 2 - Incremental funding MILA DVTS Comm Support:

Of this amount.

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PR 4200181909

CLIN 2 - Incremental funding STEREO PLDC

Of this amount, es to cost and

es to fee.

- CLIN 2 total funding increase (Cost):
- CLIN 2 total funding increase (Fee):
- CLIN 2 total funding increase:

CLIN 4-

PR 4200181909

CLIN 4-Incremental funding -Phone Support Services-

CLIN 4 total funding increase :

CLIN 7-

PR4200181909

CLIN 7 - Incremental Funding Task Order 1086-ESS-AS/MEI CCTV and PCU Comm-Task Order is incrementally funded - good through date is 31 December 2006.

PR4200181909

CLIN 7 - Incremental Funding Task Order 1093-Operational Television (OTV) Survivability and Rev 1-Camera-

Task Order is incrementally funded – good through date is 15 February 2007. Contract Value Increase:

PR4200181909

CLIN 7 - incremental Funding Task Order 1105-KSC MEDCOMM Upgrade-Task Order is incrementally funded - good through date is 12 January 2007.

PR4200181909

CLIN 7 - Incremental Funding Task Order 1108-ATXS Expansion for KCCS Task Order is incrementally funded - good through date is 31 December 2006

PR4200181909

CLIN 7 - Incremental Funding Task Order 1121-Fire Station II Comm Activation Task Order is incrementally funded - good through date is 31 December 2006

- CLIN 7 total funding increase:
- CLIN 7 total contract value increase:

b. INCORPORATE INTO THE CONTRACT:

- o The attached Section B, pages 6 and 7 are hereby incorporated into this contract and shall be inserted in Section B.
- o The attached Section J.8, pages 3-4, CLIN 7 values, are hereby incorporated into this contract and shall be inserted in Section J.8.

c. FUNDING:

- Funding for CLIN 2 cost is increased by
- Funding for CLIN 2 fee is increased by
- Funding for CLIN 4 is increased by
- a Funding for CLIN 7 is increased by
- o CLIN 7 total contract value increase:
- Total increase in funding is

End of Modification 87

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Table B-4A Summary BASIC Period (FY2004- FY2008)		
Phase In Period 1st Quarter of FY04	CLIN 0001	
Basic Requirements (Cost Reimbursable)	CLIN 0002	
Maximum Available Award Fee	CL!N 0002:	
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0003	
Administrative Telephones	CLIN 0004	
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0007	
Total Estimated Contract Value		

B.5 SPECIAL COST PROVISIONS (KSC 52.231-90) (DEC 2000)

Pursuant to the terms of the contract FAR clause 52.216-7 entitled "Allowable Cost and Payment", the contractor shall be reimbursed for such actual and allowable expenditures incurred in the performance of work required by this contract as may be approved by the Contracting Officer, subject to the following limitations and provisions:

(a) TRAVEL

Pursuant to Title 11, Section 21 of the Federal Civilian Employee and Contractor Travel Expense Act of 1985 (PL 99-234), reimbursement for travel shall be in accordance with the provisions of FAR 31.205-46. Travel required in performance of work under this contract shall be in accordance with the Contractor's approved travel policy.

(b) PROVISIONAL INDIRECT BILLING RATES

Provisional billing rates for indirect cost pools shall be set at the discretion of the Contracting Officer based upon proposals from the contractor and following review by Government auditors. These provisional billing rates shall be specified in writing and may be revised either retroactively or prospectively by the Contracting Officer. Prior to each Contractor fiscal year, the Contractor shall submit a proposal for the coming year's provisional billing rates. If during the course of any particular year a significant disparity should arise between the approved provisional billing rates and the actual rates, the Contractor shall submit a proposal requesting consideration for revision of the provisional rates to ones more closely reflective of the actual rates anticipated of the year. After expiration of each of its fiscal years the Contractor shall adjust its billings to the estimated actual rates.

To prevent substantial over or under payment, the provisional billing rates may, at the discretion of the Contracting Officer, be revised, either retroactively or prospectively, and such revision shall be set forth in a modification to this contract.

Total Obligated Amount

NAS10-03111 Section J-8

Total Obligated
Amount

NAS10-03111 Section J-8

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2. AMENDMENT/MODIFICATION NO.	3. EFFEC	TIVE DATE	4. REQUISITION/PURCHASE	REQ. NO.	5	J. PROJE	ECT NO. (if ano	licabie)
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6862 Elm Street, Suite	e 700								
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		***************************************			*******		<u> </u>		
The above numbered solicitation is amend					is exter		Lisn	ot ex	tended.
Offers must acknowledge receipt of this amend	dment prior to t	he hour and date spec	ified in the solicitation or as a	mended,	by one of the fol	lowing n	nethods:		
(a) By completing Items 8 and 15, and returning									
By separate letter or telegram which includes AT THE PLACE DESIGNATED FOR THE RE									
by virtue of this amendment you desire to cha									
reference to the solicitation and this amendment	nt, and is received								
12. ACCOUNTING AND APPROPRIATION DATA (#	(required)								
See attached			<u> </u>					-	
13. THIS ITE	EM APPLIE	S ONLY TO MOD	DIFICATIONS OF CON	TRACT	S/ORDERS				
IT MOD!	IFIES THE	CONTRACT/ORD	ER NO. AS DESCRIE	ED IN I	ITEM 14.				
A THIS CHANGE ORDER IS ISSUED PUR	SUANT TO: (Sp	ecify authority) THE CHA	NIGES SET FORTH IN ITEM 14	ARE MADE	IN THE CONTRA	CT ORDS	ER NO. IN	ITEN	10A.
B. THE ASOVE NUMBERED CONTRACT/C	ORDER IS MODIE	FO TO SERVECT THE	ADMINISTRATIVE CHANGES (SE	ch as chan	oes in pavino offic	e. approp	riation dat	e elc	JSET
FORTH IN ITEM 14, PURSUANT TO THE			and the state of t		gan ar padyang cano	ay appropri		-,	,
G. THIS SUPPLEMENTAL AGREEMENT IS		PURSUANT TO AUTHO	RITY OF:						
X NFS 1852,232-81 Contract Funding (a		<u> </u>		<u></u>					·
D. OTHER Specify type of modification and	authority)								
E. IMPORTANT: Contractor X is	s not, is	required to sign	this document and ret	um <u> 2</u>	copies to	the is	suing (offic	е.
14. DESCRIPTION OF AMENDMENT/MODIFICATIO	N (Organized by	UCF section headings, in	cluding solicitation/contract subjec	i matter wi	iere feesible.)				
The purpose of this modification	is to do the	e following:							
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NAS10-03111 Modification No. 88

# 14. DESCRIPTION OF AMENDMENT/MODIFICATION (continued):

# a. OBLIGATIONS/VALUE:

### CLIN 2 -

PR 4200182618

CLIN 2 - Incremental funding-Constellation Baseline Operations -

Of this amount,

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PR 4200182618

CLIN 2 - Incremental funding-LSP Baseline Operations -

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PR 4200182618

CLIN 2 - AF Reimbursable-Incremental funding - STP

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PR 4200183119

CLIN 2 - AF Reimbursable-Incremental funding - TACSAT

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PR 4200183119

CLIN 2 - Incremental funding-Shuttle Launch & Landing Transition Special Project-

Of this amount,

oes to cost and

s to fee.

- CLIN 2 total funding increase (Cost):
- CLIN 2 total funding increase (Fee) :
- CLIN 2 total funding increase:

#### CLIN 7-

PR4200183119

CLIN 7 - Incremental Funding Task Order 1089-ATM & SONET Upgrade -

Task Order is incrementally

funded - good through date is 29 December 2006.

PR4200183119

CEIN 7 - Incremental Funding Task Order 1094-SEB II Activation Rev 1

Task Order is incrementally

funded - good through date is 26 January 2007.

Contract Value Increase:

PR4200183119

CLIN 7 - Incremental Funding Task Order 1097-LSE PCO Upgrade and CORRS Imp

Task Order is

incrementally funded - good through date is 25 January 2007.

PR4200183119

CLIN 7 - Incremental Funding Task Order 1098 -LSP Wideband Upgrade

Fask Order is incrementally

funded - good through date is 29 December 2006.

PR4200183119

CLIN 7 - Incremental Funding Task Order 1106 -ESS-AC Network Expansion in LCC

Task Order is

incrementally funded - good through date is 29 December 2006.

PR4200183119

CLIN 7 - Incremental Funding Task Order 1114-CIF 1st Floor Network Upgrade

ask Order is

incrementally funded - good through date is 28 January 2007.

PR4200183119

CLIN 7 - incremental Funding Task Order 1121-Fire Station II Comm Activation Project incrementally funded - good through date is 31 January 2007.

Task Order is

Contract Value Increase:

PR4200182618

CLIN 7 - Incremental Funding Task Order 1124-Voice TAL Site Satellite Radio Replacement-Rev 1-Phase 2 -Task Order is incrementally funded - good through date is 25 January 2007.

Contract Value Increase:

PR4200182844

CLIN 7 - Incremental Funding Task Order-Task Order 1125-Titusville Fiber Optic Cable Install Task Order is incrementally funded - good through date is 25 January 2007. Contract Value Increase:

PR4200183119

CLIN 7 - Incremental Funding Task Order 1126 - FY07 Comm Infrastructure Upgrade for Transmissions and Cable Task Order is incrementally funded - good through date is 9 March 2007.

Contract Value Increase:

PR4200182618

CLIN 7 - Incremental Funding Task Order 1127-Shuttle ATXS Edge Switch Upgrade Task Order is incrementally funded - good through date is 22 February 2007. Contract Value Increase:

- CLIN 7 total funding increase:
- CLIN 7 total contract value increase :

# b. INCORPORATE INTO THE CONTRACT:

- o The attached Section B, pages 6 and 7 are hereby incorporated into this contract and shall be inserted in Section B.
- o The attached Section J.8, page 4, CLIN 7 values, is hereby incorporated into this contract and shall be inserted in Section J.8.

### c. FUNDING:

- Funding for CLIN 2 cost is increased by
- o Funding for CLIN 2 fee is increased by
- Funding for CLIN 7 is increased by
- o CLIN 7 total contract value increase:
- Total increase in funding is

End of Modification 88

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Modification 88 Page 6 of 9

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Table B-4A Summary BASIC Period (FY2004-	manufactura and the control of the c	
FY2008)	01324002	
Phase in Period 1 st Quarter of FY04	GLIN 0001	
Basic Requirements (Cost Reimbursable)	CLIN 0002	
Maximum Available Award Fee	GEIN 0002	
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0003	
Administrative Telephones	CLIN 0004	
Indefinite Delivery/Indefinite Quantity (IDIQ)	GLIN 0007	
Total Estimated Contract Value	a personal de la companya de la comp	

# B.5 SPECIAL COST PROVISIONS (KSC 52.231-90) (DEC 2000)

Pursuant to the terms of the contract FAR clause 52.216-7 entitled "Allowable Cost and Payment", the contractor shall be reimbursed for such actual and allowable expenditures incurred in the performance of work required by this contract as may be approved by the Contracting Officer, subject to the following limitations and provisions:

### (a) TRAVEL

Pursuant to Title 11, Section 21 of the Federal Civilian Employee and Contractor Travel Expense Act of 1985 (PL 99-234), reimbursement for travel shall be in accordance with the provisions of FAR 31.205-46. Travel required in performance of work under this contract shall be in accordance with the Contractor's approved travel policy.

# (b) PROVISIONAL INDIRECT BILLING RATES

Provisional billing rates for indirect cost pools shall be set at the discretion of the Contracting Officer based upon proposals from the contractor and following review by Government auditors. These provisional billing rates shall be specified in writing and may be revised either retroactively or prospectively by the Contracting Officer. Prior to each Contractor fiscal year, the Contractor shall submit a proposal for the coming year's provisional billing rates. If during the course of any particular year a significant disparity should arise between the approved provisional billing rates and the actual rates, the Contractor shall submit a proposal requesting consideration for revision of the provisional rates to ones more closely reflective of the actual rates anticipated of the year. After expiration of each of its fiscal years the Contractor shall adjust its billings to the estimated actual rates.

To prevent substantial over or under payment, the provisional billing rates may, at the discretion of the Contracting Officer, be revised, either retreactively or prospectively, and such revision shall be set forth in a modification to this contract.

fotal Obilgated Amount

NAS 10-03111 Section J-8

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		Network Support for OSB Carpet Replacement Trailer TR8-0100 Replacement Comm Activation Trailer TR8-0102 Replacement Comm Activation Trailer TRM-0023 Replacement Comm Activation Trailer TRM-0023 Replacement Comm Activation ATCT Media Center Project, Rev 1 Comm Support for the Radar Control Building (MCR) SSRE High Bay Wireless Network SSRE High Bay Wireless Network SSRE Phase 2 & Mezzanine Wireless Network Installation			
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	76, 87	RSS-AC/MEI GCTV and PCU Communications Implementation Spt			
	75, 79.	Air Core Cable Install BRRS-CD&SC			
	70, 74, 82	ATXS Edge. Switch Upgrade			
	71, 77, 79, 80	Engr Design to Replace Air Core Cable			
	70, 74, 79, 81, 82	Install Fiber from Pad A to Wilson's Comer			
	70, 76, 82, 88	ATM & SONET Upgrade			
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NAS10-03/11 Section J-8

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By separate letter or telegram which includes AT THE PLACE DESIGNATED FOR THE RE by virtue of this amendment you desire to ch reference to the selicitation and this amendment 12. ACCOUNTING AND APPROPRIATION DATA A	e reference to the solicitation and a ECEIPT OF OFFERS PRIOR TO TH ange an offer already submitted, su ant, and is received prior to the open	amendment numbers. FAILUR IE HOUR AND DATA SPECIFII Ich change may be made by tel	E OF YOUR ED MAY RE	R ACKNOWLEDGM SULT IN REJECTK	IENT TO BE ON OF YOUR	RECEIVED
See attached	,					
	EM APPLIES ONLY TO MO	DIFICATIONS OF CON	TRACTS	ORDERS.		
	IFIES THE CONTRACT/OF					
A. THIS CHANGE ORDER IS ISSUED PUR					DER NO. IN IT	EM 10A
B. THE ABOVE NUMBERED CONTRACTA	ORDER IS MODIFIED TO REFLECT THE	ADMINISTRATIVE CHANGES (SO	cin as charges	in paying office, appn	priation date.	eic.) SET
FORTH IN ITEM 14, PURSUANT TO THE		MATTY AS				
C. THIS SUPPLEMENTAL AGREEMENT IS  X NFS 1852.232-91 Contract Funding		Cattle Co.				
D. OTHER Specify type of modification and	สบร์กอลัง)					
E. JMPORTANT: Contractor X i	s not, is required to sig	n this document and relu	ım2_	copies to the i	ssuing off	ice.
14. DESCRIPTION OF AMENDMENT/MODIFICATION						
The purpose of this modification						
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o Add CLIN 2 incremental	funding.					
<ul> <li>Add CLIN 7 incremental</li> </ul>	funding.					
<ul> <li>Add Contract Value for 0</li> </ul>	CLIN 7					
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See pages 2-3						
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# 14. DESCRIPTION OF AMENDMENT/MODIFICATION (continued):

# a. OBLIGATIONS/VALUE:

### CLIN 2-

PR 4200187542

CLIN 2 - Incremental funding-AF RD160 GPSII R-17 -

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PR 4200187542

CLIN 2 -Incremental funding - Baseline Operations Shuttle :

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PR 4200187542

CLIN 2 - Incremental funding - Baseline Operations LSP

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PR 4200187029

CLIN 2 - Incremental funding-Baseline Operations Constellation/CEV-

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- CLIN 2 total funding increase (Cost):
- CLIN 2 total funding increase (Fee) :
- CLIN 2 total funding increase:

### CLIN 7-

CLIN 7 - Task Order 1087-Engineering Design for Air Core Cable

Contract Value Increase:

No Additional funding is added.

PR4200187542

CLIN 7 - Incremental Funding Task Order 1105 -KSC MEDCOMM Upgrade-

ask Order is

incrementally funded - good through date is 31 March 2007.

PR4200187030

CLIN 7 - Incremental Funding Task Order 1122 - ATXS Expansion for KSC-Wide Power Meter-Task Order is incrementally funded - good through date is 31 March 2007.

PR4200186191

CLIN 7 - Incremental Funding Task Order 1128 -Cable 08 Replacement

Task Order is incrementally

funded - good through date is 30 April 2007.

Contract Value Increase:

- CLIN 7 total funding increase :
- CLIN 7 total contract value increase :

## b. INCORPORATE INTO THE CONTRACT:

- The attached Section B, pages 6 and 7 are hereby incorporated into this contract and shall be inserted in Section B.
- The attached Section J.8, pages 3 & 4, CLIN 7 values, is hereby incorporated into this contract and shall be inserted in Section J.8.

## c. FUNDING:

- Funding for CLIN 2 cost is increased by
- o Funding for CLIN 2 fee is increased by
- o Funding for CLIN 7 is increased by
- o CLIN 7 total contract value increase :
- o Total increase in funding is

**End of Modification 89** 

|--|

Table B-4A Contract Value Summary BASIC	Period (FY2004-FY2008)
Phase in Period 1st Quarter of FY04	CLIN 0001
Basic Requirements (Cost Reimbursable)	CLIN 0002
Maximum Available Award Fee	CLIN 9002
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0003
Administrative Telephones	CLIN 0004
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0007
Total Estimated Contract Value	

^{*} amounts include overrun adjustment (Mod 74).

# B.5 SPECIAL COST PROVISIONS (KSC 52.231-90) (DEC 2000)

Pursuant to the terms of the contract FAR clause 52.216-7 entitled "Allowable Cost and Payment", the contractor shall be reimbursed for such actual and allowable expenditures incurred in the performance of work required by this contract as may be approved by the Contracting Officer, subject to the following limitations and provisions:

### (a) TRAVEL

Pursuant to Title 11, Section 21 of the Federal Civilian Employee and Contractor Travel Expense Act of 1985 (PL 99-234), reimbursement for travel shall be in accordance with the provisions of FAR 31.205-46. Travel required in performance of work under this contract shall be in accordance with the Contractor's approved travel policy.

# (b) PROVISIONAL INDIRECT BILLING RATES

Provisional billing rates for indirect cost pools shall be set at the discretion of the Contracting Officer based upon proposals from the contractor and following review by Government auditors. These provisional billing rates shall be specified in writing and may be revised either retroactively or prospectively by the Contracting Officer. Prior to each Contractor fiscal year, the Contractor shall submit a proposal for the coming year's provisional billing rates. If during the course of any particular year a significant disparity should arise between the approved provisional billing rates and the actual rates, the Contractor shall submit a proposal requesting consideration for revision of the provisional rates to ones more closely reflective of the actual rates anticipated of the year. After expiration of each of its fiscal years the Contractor shall adjust its billings to the estimated actual rates.

To prevent substantial over or under payment, the provisional billing rates may, at the discretion of the Contracting Officer, be revised, either retroactively or prospectively, and such revision shall be set forth in a modification to this contract.

KAS10-03111	Section 4-8	

Task Order#	Task Modification	Title	Cost	Flxed Fee	Total Value	Total Obligated Amount
1052-1		HQ Training Enhancements Comm Activation	in constitution of the con	OR A RECOGNICACION DE L'ANNE É ÉMMÉNDAIRE DE L'ALCON EST CARBILLANS I CONTINCAS I L'ANÈ LAS	VVV BAS VALVA J RATBO V ANDARATA TANBOARTAN DER Ammerikipakkyngted bliss fog talmas i edi	A MARIAN AND AND AND AND AND AND AND AND AND A
1064	56, 70 LC-39 O	LC-39 OTV Survivability - Camera Control System Replacement System				
1066	A STATE OF THE STA	Nelwork Service Access Point				
1067		Pad B Fiber				
1068	7	enciam (s), tem (s) sind produce a paragram a transmission and a transmission (s) and s) and				
1069	61, 65, 82 Support	Support for Issue Management 100 ((1820)				
1070	1	Storage Facility Activation				
- 200	01, 71, 74, 78, 81 LOF 1181 019 78 77 70 Material	ACT INSTITUTE CONTROLLER CONTROLL				
9000	-	Nework Support to Cast Carper Replacement				
673	7	Trailer TR6-0102 Replacement Corun Activation				
1074	05 71 74.82 Trailer	Trafer 17th 0023 Replacement Comm Activation				
1075	1	Taller TRM-0050 Regiscentent Comm Adivation				
1076	66,71,74,75,81,82 ATCT M	ATCT Media Certler Project, Rev 1	-			
1077	1	Cornin Support for the Radar Control Building (MCR)				
1079	4	SSPF High Bay Whetess Network				
1080		hase 2 & Mezzanine Wireless Network Installation				
1082		Pluto Comm Support				
1081		Ho Network Upgrade				
9/01		Trailer 1R1-0697 Replacement Comm Activation				
1084		Dedicated HUMS Network				
1086		ESS-ACIME! CCTV and PCU Communications Implementation Spt				
(083	70, 75, 79 Air Core	Air Core Cable Install BRRS-CD&SC				
1085	70, 74, 82 ATXS E	ATXS Edge Switch Upgrade				
1087	1	Engr Design to Replace Air Core Cable				
1088		ther from Pad A to Wilson's Corner				
1089	2,88					
1080		Air Core Offload for CD&SC to CIF, HQ and O&C				
1091	70, 79, 82, 86 Pad A C	Pad A Crawlerway Distribution to CXT 8 Copper Cable Installation				
1002	70, 71, 74, 82   Shuffle I	Shuffle Flight Termination System (FTS) Compatible Radio Comm Sys				
1093		Operational Television (OTV) Survivability - Cantera Control Sys Replacmi				
1094	₿	stilding Activation Project				
1095		O&C 4th & 6th Floor Contin Repair Project				
1096	72 SSPFC	ommunications Room 2242 Network Upgrades				
1097		O Upgrade and CORRS Implementation				
1098		LSP Wideband Ungrade				
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MAS10-03111	Section J.8	

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1109 75,82					
1110 75	INASA Debris Radar Phase II				
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1113 76,82					
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	SSPF 2278 Network Upgrade				
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1118 78,82	Shutte Launch and Landing Transition and Retirement Study of Assets				
79, 82	TAL Sile Salellie Radio Replacement				
79, 82	KNET Infrastructure Upgrades Phase				
1121 81,87,88	Fire Station II Communications Activation				
1122 82,89	ATXS Expansion for KSC-Wide Power Metering				
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1126 88	Titusville Fiber Optic Cable Install				
126 88	FYO? Comm Infrastructure Upgrade for Transmission & Cable				
	Shuttle ATXS Edge Switch Upgrade				•
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Office of Procureme	ent				
Mail Code: OP-ES		dos			
Kennedy Space Ce	nter , FL 32899	***************************************			Marie Are non private texts to the
8. NAME AND ADDRESS OF CONTRAL	TON this. Street, county. State	end ZIP. Code)		9A. AMERGA	MENT OF SOLICITATION NO.
				DE DATED	SEE ITEM 11)
InDyne, Inc.					www.rr.mr.
6862 Elm Stree				10A MODIFI	CATION OF CONTRACT/ORDER NO.
McLean, VA 22	:101			l NAD	10-03111
					(SEE ITEM 13)
	FACNI	MY CODE		9/29	/2003
code 1പ00	11. THIS ITEM ONL		MENDMENTS OF		
The above numbered solicitation					tended, is not extended.
The above numbered solicitation Offers must acknowledge receipt of	II (HIC) THE de Deutschmitte and the	hour and date specific	ed in the solicitation or as	amended, by one of the	following methods:
	2472	the second section of the second	and many and minds manufact the	this amendment on eact	copy of the other submitted, of (c)
By separate letter or telegram whit AT THE PLACE DESIGNATED FC by virtue of this amendment you do reference to the solicitation and this	th includes a reference to the OR THE RECEIPT OF OFFE esire to change an offer aire amendment, and is received	RS PRIOR TO THE H	OUR AND DATA SPECI	FIED MAY RESULT IN F	REJECTION OF YOUR OFFER. If
12. ACCOUNTING AND APPROPRIAT	ION DATA (If required)	-			
Available Upon Reque	st From Contracting	Officer	MONTIONS OF CO	NITEACTS/ORDER	35
13.	THIS ITEM APPLIES IT MODIFIES THE CO	ONLY TO MOU!	FIGATIONS OF CO FRING AS DESCRI	BED IN ITEM 14.	ю,
f. The present opens in	CONTROL DE LE CONTROL SON	Su arestockyl THE CHAN	IGES SET FORTH IN ITEM 1	4 ARE MADE IN THE CONT	TRACT ORDER NO. IN ITEM 10A
X FAR 52,243-2	CHANGES-COST I	REIMBURSEN	MENT (AUG 1987	) AND ALTERN	IATE II (APRIL 1984)
A TOTAL AND THE BUSINESS OF THE	ONTRACTIONNER IS MODIFIE	O TO REPLECT THE AL	MINISTRATIVE CHANGES	such as changes in paying :	office, appropriation date, etc.) SET
FORTH IN ITEM 14, PURS	Dani io (he hombani or	ran as, ivolor	<u>-                                      </u>		
C. THIS SUPPLEMENTAL AG	REEMENT IS ENTERED INTO P	UBSUANT TO AUTHOR	ITY OF:		
D. OTHER Specify type of mor	difficution and authority)		<u></u>		
E. IMPORTANT: Contract	ior X is not, is re	equired to sign th	is document and re	turn copies to t	he issuing office.
7500015710110	C AND DISCOUNTED	IFICATION			
This modification incorpersonnel, in Section I when the subcontracto federal information syscredentialing requirem 201 (Reference Procurestimated cost for perference procures in the subcontractor of	(Contract Clauses r is required to have term. The incorport ents of Homeland Frement Information forming this work is	of the contract e physical acc ation of this cla Security Presid Circular (PIC)	ot. This clause is ess to a federally ause into the con lential Directive 1 06-01, dated Jar	r controlled facilitract is only as it 2 (HSPD-12 annuary 18, 2006).	to all subcontracts ty or access to a relates to the d FIPS PUB Number The not-to-exceed
As a result of the above attached page Section	e change, Section I, Contract Clause	T, Contract Cl s, page 1.			
15A. NAME AND TITLE OF SIGNES	R (Type or print)		Janet G. Th	nodos	:ER (Type or print)
Ace containemaneceans		SC. DATE SIGNED	16B. UNITED STATES O		16C. DATE SIGNED
15B. CONTRACTOR/OFFEROR			T. JKMQ	Nail A of Contracting Officer	1726/07
(Signature of person au	ගයෙන ස නමුත්	30-1			RD FORM 30 (REV. 10-83)
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### PART II - CONTRACT CLAUSES

### SECTION I

### CONTRACT CLAUSES

# 1.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

# I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

CLAUSE <u>NUMBER</u>	DATE	TITLE
52.202-1	DEC 2001	DEFINITIONS
52,203-3	APR 1984	GRATUITIES
52.203-5	APR 1984	COVENANT AGAINST CONTINGENT FEES
52.203-6	JUL 1995	RESTRICTIONS ON SUBCONTRACTOR
		SALES TO THE GOVERNMENT
52.203-7	JUL 1995	ANTI-KICKBACK PROCEDURES
52.203-8	JAN 1997	CANCELLATION, RESCISSION AND
		RECOVERY OF FUNDS FOR ILLEGAL OR
		IMPROPER ACTIVITY
52.203-10	JAN 1997	PRICE OR FEE ADJUSTMENT FOR
		ILLEGAL OR IMPROPER ACTIVITY
52.20 <b>3</b> -12	JUN 1997	LIMITATION ON PAYMENTS TO
		INFLUENCE CERTAIN FEDERAL
	4110-4200	TRANSACTIONS SECURITY REQUIREMENTS
52.204-2	AUG 1996 AUG 2000	PRINTED OR COPIED DOUBLE-SIDED ON
52.204-4	AUG 2000	RECYCLED PAPER
52.204-9	JAN 2006	PERSONAL IDENTITY VERIFICATION OF
SE.20 . 0	J	CONTRACTOR PERSONNEL
52.209-6	JUL 1995	PROTECTING THE GOVERNMENT'S
02,200	•	INTEREST WHEN SUBCONTRACTING
		WITH CONTRACTORS DEBARRED,
		SUSPENDED, OR PROPOSED FOR
		DEBARMENT
52,211-15	SEP 1990	DEFENSE PRIORITY AND ALLOCATION
		REQUIREMENTS
52.215-2	JUN 1999	AUDIT AND RECORDS-NEGOTIATION
52.215-8	OCT 1997	ORDER OF PRECEDENCE - UNIFORM
		CONTRACT FORMAT
52.215-11	OGT 1997	PRICE REDUCTION FOR DEFECTIVE
		COST OR PRICING DATA-
		MODIFICATIONS

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AMENDMENT OF SOLI	CITATION/MODIFICATION		N/A		4	1
2. AMENEMENT/MODIFICATION NO	3. EFFECTIVE DATE	4. REQUISITION/PURCHAS	E REQ. NO.	5 PROJEC		Hounte;
91	See Block 16C	See Page 2		N/A		
s. ISSAIED BY	COOE OP-MS	ADMINISTERFICION III or	nor than liem 6)	000E		
NASA, John F. Kennedy	Space Center					
Office of Procurement						
Mail Code: OP-ES Attn:	Janet C. Thodos	27				
Kennedy Space Center	, FL 32899	e and a contract of the second				
8. NAME AND ADDRESS OF CONTRACTOR R			9A, AMEN	OMENT OF SOL	MOTATICK.	NO:
				.,		
InDyne, Inc.	•		9B. DATE	) (SEETTEM 11,	)	
6862 Elm Street, Si	uite 700					
McLean, VA 22101			1 1	IFICATION OF (		CHIDEH NO
,			; (\ <del> </del>	<u>\$10-031</u>		
				ed (See Item 1	3)	
CODE 1LJ00	FACILITY CODE			9/2003_		
11.	THIS ITEM ONLY APPLIES T	O AMENDMENTS OF	SOLICITATIONS			
☐ The above numbered solicitation is an	nended as set forth in Item 14. The ho	ur and date specified for rece	pt of Offers D is	extended.	is not a	xterxied.
Offers must acknowledge receipt of this an	nendment prior to the hour and date sc	pecified in the solicitation or a	amended, by one of the	re following mi	ethods:	
and the second s	malon \$118 more of the amoridment in	i Po anknowlerining receipt of	this amendment on ea	ch copy of the	dier subit	itted, or (c
By separate letter of telegram which incur AT THE PLACE DESIGNATED FOR THE by virtue of this amendment you desire to	DECEMPT OF OFFICERS PER IS IT IS	ME HUUM AND DATA SPECI	RECEIPMENT DESCRIPTION	11-1-01	J. 100.	
reference to the solicitation and this amend	iment, and is received prior to the oper	ning hour and data specified.				
12. ACCOUNTING AND APPROPRIATION DAT	A (li required)					
Available Upon Request Fro	m Contracting Officer					
13. THIS	ITEM APPLIES ONLY TO M	ODIFICATIONS OF CO	INTRACTS/ORDS	ERS,		
IT M	ODIFIES THE CONTRACT/O	RDER NO. AS DESCH	IBED IN ITEM 14			
A THIS CHANGE ORDER IS ISSUED	PURSUANT TO: (Specify authority) THE (	CHANGES SET FORTH IN ITEM	IA ARE MADE IN THE CO	NTRACT ORDE	FINO, IN ITE	M 10A
B. THE ABOVE NUMBERED CONTRA	CT/ORDER IS MODIFIED TO REFLECT TH	HE ADMINISTRATIVE CHANGES	(such as changes in payin	g office, appropr	iation date, e	ec.) SET
	O THE AUTHORITY OF FAR 43.165(b). YT IS ENTERED INTO PURSUANT TO AUT	renerry ne-				
C. THIS SUPPLEMENTAL AGHEEME	1) (S EMIERCO INTO PONDEMI TO NOT	STORE CO.				
D. OTHER Specify type of modification	eid authority)					
E. IMPORTANT: Contractor	X is not, is required to sig	n this document and re	turn copies	to the issui	ng office	•
14. DESCRIPTION OF AM	ENDMENT/MODIFICATION					
The purpose of this modification	is to update NASA FAR Sur	oplement clause 1852.2	04-76 emitted "S	ecurity Rec	juiremen	ts for
Unclassified Information Techno	ology Resources (July 2002)"	to incorporate the upo	lated version of th	e clause.		
<ol> <li>The current NASA FAI</li> </ol>	R Supplement clause 1852-20	4-76 entitled "Security	Requirements for	Unclassifi	ied Infor	mation
Technology Resources	(July 2002)" is hereby deleted	d and replaced with the	following latest v	rersion NA	SAFAK	
Supplement clause 185	2.204-76 entitled "Security R	equirements for Uncla	sified Informatio	a Technolo	gy Reso	urces
(November 2004) Devi	ation".					
<ol><li>As a result of the chang</li></ol>	e, Section I, Contract Clause	s, page 6 is deleted an	d replaced with th	e attached	page Se	ction I,
Contract Clauses, Page						
		e e e e e		· · · · · · · · · · · · · · · · · · ·		
15A. NAME AND TITLE OF SIGNER (Type	r or print)	16A NAME AND TITLE		ICER (Type o	r print)	
		Janet C. Ti	nodos			
		Contracting	y Officer			
158. CONTRACTOR/OFFEROR	15C. DATESIGNE				16C. DATE	SIGNED
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(Signature of person authorited	fo signal	/ Vig./ Signature	of Contracting Officer)	and the second	- 183	w /
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CLAUSE <u>NUMBER</u>	· <u>DATE</u>	IIILE
1852.203-70	JUN 2001	DISPLAY OF INSPECTOR GENERAL HOTLINE POSTERS
1852.204-76	NOV 2004 (Deviation)	SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES
·		3
1852.209-72 1852.216-74	DEC 1988 DEC 1991	COMPOSITION OF THE CONTRACTOR ESTIMATED COST AND FIXED FEE (data to be provided in each task order issued against clin 0007)
1852.216-89	JUL 1997	ASSIGNMENT AND RELEASE FORMS
1852.217-70	DEC 1988	PROPERTY ADMINISTRATION AND
1852.219-74	SEP 1990	REPORTING USE OF RURAL AREA SMALL BUSINESSES
1852.219-76	JUL 1997	NASA 8 PERCENT GOAL
1852.219-79	MAR 1999	MENTOR REQUIREMENTS AND
		EVALUATION
1852.223-74	MAR 1996	DRUG AND ALCOHOL-FREE
1852.227-87	APR 1989	WORKPLACE TRANSFER OF TECHNICAL DATA UNDER SPACE STATION INTERNATIONAL AGREEMENTS
1852.235-70	JUL 2000	CENTER FOR AEROSPACE INFORMATION—FINAL SCIENTIFIC AND TECHNICAL REPORTS
1852.237-70	DEC 1988	EMERGENCY EVACUATION PROCEDURES
1852.242-72	AUG 1992	OBSERVANCE OF LEGAL HOLIDAYS ALTERNATE II
1852.242-78	APR 2001	EMERGENCY MEDICAL SERVICES AND EVAUATION
1852.243-71	MAR 1997	SHARED SAVINGS

⁽End Of Clause)
CLAUSES INCORPORATED BY REFERENCE (FAR 52.252-2) (FEB 1.2 1998)

		<u> </u>	1. CONTRACT ID COD	É PAGE O	F PAGES
AMENDMENT OF SOLIC	DITATION/MODIFICATION	IN OF CONTRACT	N/A	1	3
2 AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE		5. PROJECT NO. (If au	pplicable)
92	See Block 16C	See Attached F		I N/A	
6. (SSEC) DY	OP-ES	T ADMINISTERS BY Broke	er tran kom tr	OOTE	
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Kennedy Space Center,	FL 32899		· · · · · · · · · · · · · · · · · · ·	<u> </u>	
8. NAME AND ADDRESS OF CONTRACTOR ON	o. Street, county, State and ZIP; Code)		9A. AMENON	SENT OF SOLICITATION	INO.
inDyne, Inc.	4		SP. DATED (	SEE ITEM 11)	
6862 Elm Street, Su	ite 700		and Services	CATION OF CONTRACT	200000
McLean, VA 22101			1 1 1 1 1 1 1 1 1		ROTUER NU
				10-03111 (SEE-ITEM 13)	
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Offers must acknowledge receipt of this arms				- <del>-</del>	**************************************
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(a) By completing tients 8 and 15, and return By separate letter or telegram which include	as a reference to the solicitation and	Lamendment numbers. FAILUF	IE OF YOUR ACKNOW	ILEDGMENT TO BE	RECEIVED
AT THE PLACE DESIGNATED FOR THE F by virtue of this amendment you desire to c	RECEIPT OF OFFERS PRIOR TO T	HE HOUR AND DATA SPECIFI	ED MAY RESULT IN A	EJECTION OF YOUR	COFFER. II
by virtue of this amendment you desire to c reference to the solicitation and this amendm	nent, and is received prior to the one	ming hour and data specified.	regram or senso, provide	so each telegram of the	oues makes
12. ACCOUNTING AND APPROPRIATION DATA					
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	DIFIES THE CONTRACT/O				
A THIS CHANGE ORDER IS ISSUED PL	JRSUAWI TO: (Specify authority) THE	CHANGES SET FORTH IN ITEM 14 :	ARE MADE IN THE CONTR	IACT ORDER NO. IN ITE	3M 19A
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C. THIS SUPPLEMENTAL AGREEMENT	AS ENTERED INTO PURSUANT TO AUT	HORITY OF:			
X NFS 1852.232-81 Contract Funding					
<ol> <li>OTHER Specify type of modification in</li> </ol>	ić autrority)				
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E. IMPORTANT: Contractor_X_	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>			rite issuing our	c.
14. DESCRIPTION OF AMENDMENT/MODIFICAT	· · ·	s, including solicitation/contract subjec	t matter where feecible.)		
The purpose of this modification	is to do the following:				
e Add CLIN 2 increments	direction	•			
o Add CLIN 7 increments					
Add Contract Value for					
See pages 2-3					
				•	
5A. NAME AND TITLE OF SIGNER (Type or	print)	16A NAME AND TITLE OF C		(Type or print)	
		Janet C. Thor	dos		
55. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES OF A	MERICA	16C. DATE	ì
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(Signature of person authorized to si	gn)	/ Signature of C	Contracting Officer)		

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION (continued):

#### a. OBLIGATIONS/VALUE:

#### CLIN 2 -

#### PR 4200187793

CLIN 2 – Incremental funding-AF RD160-Delta IV DSP-23 – Of this amount, joes to cost and goes to fee.

### PR 4200189230

CLIN 2 – incremental funding-AF RD160 Comm NROL 30 Atlas V – Of this amount, goes to cost and Jes to fee.

#### PR 4200190235

CLIN 2 –Incremental funding – AF RSA/SLRS 45 Space Wing Of this amount, goes to cost and goes to fee.

#### PR 4200190235

CLIN 2 – incremental funding – Delta II PLDC Phoenix Support Of this amount goes to cost and joes to fee.

### PR 4200190235

CLIN 2 – Incremental funding-Baseline Operations-Station Ops-Of this amount, goes to cost and goes to fee.

- CLIN 2 total funding increase (Cost):
- CLIN 2 total funding increase (Fee):
- CLIN 2 total funding increase:

#### CLIN 7-

CLIN 7 – Task Order 1083-Air Core Cable Replacement from BRRS to CDSC-Phase 2 Contract Value Increase:

### PR4200190235

CLIN 7 – Incremental Funding Task Order 1093–OTV Survivability Camera incrementally funded – good through date is 30 March 2007.

Task Order is

CLIN 7 – Task Order 1105-KSC Medcomm Upgrade Contract Value Increase:

#### PR4200189717

CLIN 7 – Incremental Funding Task Order 1110 –NASA Debris Radar Rev 1 – incrementally funded – good through date is 15 April 2007.

Task Order is

### PR4200190235

CLIN 7 – Incremental Funding Task Order 1118–Shuttle Launch and Landing Trans and Refirement - Task Order is incrementally funded – good through date is 30 March 2007.

### PR4200190235

CLIN 7 – Incremental Funding Task Order 1124–Voice TAL Site Satellite Radio Replacement - Order is incrementally funded – good through date is 30 March 2007.

Task

PR4200190235

CLIN 7 – Incremental Funding Task Order 1129 –VABR to CD&SC Copper Cable Installation~

ask

Order is incrementally funded – good through date is 31 May 2007

Contract Value Increase:

PR4200187394

CLIN 7 – Incremental Funding Task Order 1130 –CIF 2nd Floor Network Upgrade~

Task Order is

incrementally funded - good through date is 30 April 2007

Contract Value Increase:

PR4200187394

CLIN 7 – Incremental Funding Task Order 1131 –KNET Infrastructure Upgrades Phase 2C-Base Support Building Network Upgrade~ Task Order is incrementally funded – good through date is 30 April 2007.

Contract Value Increase:

PR4200189230

CLIN 7 – Incremental Funding Task Order 1132 –OSB 1 Network Upgrade (6th Floor)~ incrementally funded – good through date is 30 March 2007.

Task Order is

Contract Value Increase:

PR4200189230

CLIN 7 – Incremental Funding Task Order 1133 –Base Operations Building Network Upgrade

rask

Order is incrementally funded – good through date is 10 July 2007.

Contract Value Increase:

- CLIN 7 total funding increase :

### b. INCORPORATE INTO THE CONTRACT:

- The attached Section B, pages 7 and 8 are hereby incorporated into this contract and shall be inserted in Section B.
- The attached Section J.8, pages 3 & 4, CLIN 7 values, is hereby incorporated into this contract and shall be inserted in Section J.8.

### c. FUNDING:

- Funding for CLIN 2 cost is increased by
- o Funding for CLIN 2 fee is increased by
- o Funding for CLIN 7 is increased by
- o CLIN 7 total contract value increase:
- Total increase in funding is

End of Modification 92

NAS10-03111 Section B

Modification 92 Page 7 of 10

	Subtotal this page TOTAL	90 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	Total Prev Page 90 91 92	C.N. 2. FEB.	CONS	10.11 A	CENY	TOTAL OBUIGATED
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Table B-4A Summary BASIC Period (FY2004-FY2008)	
Phase In Period 1 st Quarter of FY04	CLIN 0001
Basic Requirements (Cost Reimbursable)	CLIN 0002
Maximum Available Award Fee	CLIN 0002
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0003
Administrative Telephones	CLIN 0004
Indefinite Delivery/Indefinite Quantity (IDIQ)	CLIN 0007
Total Estimated Contract Value	

### B.5 SPECIAL COST PROVISIONS (KSC 52.231-90) (DEC 2000)

Pursuant to the terms of the contract FAR clause 52.216-7 entitled "Allowable Cost and Payment", the contractor shall be reimbursed for such actual and allowable expenditures incurred in the performance of work required by this contract as may be approved by the Contracting Officer, subject to the following limitations and provisions:

### (a) TRAVEL

Pursuant to Title 11, Section 21 of the Federal Civilian Employee and Contractor Travel Expense Act of 1985 (PL 99-234), reimbursement for travel shall be in accordance with the provisions of FAR 31.205-46. Travel required in performance of work under this contract shall be in accordance with the Contractor's approved travel policy.

### (b) PROVISIONAL INDIRECT BILLING RATES

Provisional billing rates for indirect cost pools shall be set at the discretion of the Contracting Officer based upon proposals from the contractor and following review by Government auditors. These provisional billing rates shall be specified in writing and may be revised either retroactively or prospectively by the Contracting Officer. Prior to each Contractor fiscal year, the Contractor shall submit a proposal for the coming year's provisional billing rates. If during the course of any particular year a significant disparity should arise between the approved provisional billing rates and the actual rates, the Contractor shall submit a proposal requesting consideration for revision of the provisional rates to ones more closely reflective of the actual rates anticipated of the year. After expiration of each of its fiscal years the Contractor shall adjust its billings to the estimated actual rates.

To prevent substantial over or under payment, the provisional billing rates may, at the discretion of the Contracting Officer, be revised, either retroactively or prospectively, and such revision shall be set forth in a modification to this contract.

Total Obligated Amount

Total Value

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Task A	Task Modification			
Order#	Numbers	(A)	Cost	Fixed Fee
1052-1	55	HQ Training Enhancements Comm Activation		
1064	56, 70	LC-39 OTV Survivability - Camera Control System Replacement System	·	
1068	99	Network Service Access Point		
1067	56, 70	Pad A to Pad B Floer	3	
1068	61, 65	SIDS	•	
1069	61, 65, 82	Support for Issue Management Tool (Razor)	×	
1070	61, 65, 77	Storage Facility Activation		
1071	61, 71, 74, 79, 81	LSP Transmission Upgrade	,	
1065	63, 75, 77, 79	Network Support for OSB Carpet Replacement		
1072	65, 71, 74, 82, 86	Trailer TR6-0100 Replacement Connn Activation		
1073	65, 71, 74, 82	Trailer TR6-0102 Replacement Comm Activation		
1074	65, 71, 74, 82	Trailer TRM-0023 Replaceament Comm Activation		
1075	65, 75	Trailer TRM-0050 Replacement Comm Activation		
1076	65,71,74,75,81,82	ATCT Nedia Certer Project, Rev 1		
1077		Comm Support for the Radar Control Building (MCR)	•	
1079	67,71,79	SSPF High Bay Wireless Network		
1080	67, 71, 81	SSPF Phase 2 & Mezzanine Wireless Network Installation	5	
1082	67, 71	Pluto Comm Support		
1081	68, 75	Hq Network Upgrade		
1078	68, 71, 72, 82	Trailer TR1-0597 Replacement Comm Activation		
1084	68, 74, 81	Dedicated HUMS Network		
1086	69, 76, 87	ESS-ACMEI CCTV and PCU Communications Implementation Spt	_	
1083	70, 75, 79, 92	Air Core Cable Install BRRS-CD&SC		
1085	70, 74, 82	ATXS Edge Switch Upgrade		
1087	71, 77, 79, 80, 89	Engr Dasign to Replace Air Core Cable		
1088	70, 74, 79, 01, 82	Install Fiber from Pad A to Wilson's Comer		
1089	70, 76, 82, 88	ATM & SONET Ungrade		
1090	70	Air Core Officed for CD&SC to CIF, HQ and O&C	٠	
1091	70, 79, 82, 88	Pad A Crawlerway Distribution to CXT 8 Copper Cable Installation		
1092	70, 71, 74, 82	Shuttle Flight Termination System (FTS) Compatible Radio Comm Sys		
1093	70, 74, 86, 87, 92	Operational Television (OTV) Survivability - Camera Control Sys Replacmt		
1084	72, 75, 82, 88	SEB.II. Building Activation Project		
1095	72, 74, 82	O&C 4th & 5th Floor Comm Repair Project		
960)	72	ISSPF Communications Room 2242 Network Upgrades		
1097	71, 79, 62, 86, 88	LSE PCO Upgrade and CORRS Implementation		
1098	71, 82, 86, 88	LSP Wideband Upgrade		
1008	72, 77, 82	MFPGF Facility Activation Project		
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Order#		11116	Cost	Fixed Fe
1100		T1 Data Links for LDAR Replacement		
1101	72, 79, 80	NASA Causeway Speaker Upgrade		
1102	72, 79, 82	LSP HD Digital Video Service		
1103	72,82	INIST Training - Transition from NPR 2816, 1 to NPR 2810, 1A		
1104	72, 82	PHSF Communications Room 119 Network Upgrades		
1105	75, 87, 89, 92	KSC MedComm Upgrade		
1106	75, 82, 86, 88	LESS-AC Drops in LCC		
1107	75, 82, 86	ISSPF 3091 & 3051 Aditional Network Upgrades		
1108	75, 82, 86, 87	ATXS Expansion for KCCS		
1109	75, 82	MOSB Network Upgrades		
110	75, 92	INASA Debris Radar Phase II		
1,1	75, 79, 62, 88	OIF 3rd Floor Network Upgrades		
7.7	76, 82, 86	Hangar AE Wireless LAN Upgrads		
1.3	76,82	IACTC Video Surveillance		
1114	77, 79, 86, 88	CIF 1st Floor Network Upgrades		
1115	77, 82, 86	O&C Wireless Network Upgrade		
1116	77,81,82,86	SSPF 2278 Network Upgrade		
1117	77, 82	LSP FY08 Fiber Optic		
1118		Shuttle Launch an d Landing Transition and Retirement Study of Assets		
1119	79, 62	TAL Site Satelite Radio Replacement		
1120	79, 82	KNET Infrastructure Upgrades Phase I		
1121	81, 87, 88	Fire Station II Communications Activation		
1122	82, 89	ATXS Expansion for KSC-Wide Power Metering		
1123	98	Voice TAL SITE Satellite Radio Replacement Installation Phase 1		
1124	88, 92	Voice TAL SITE Satelite Radio Replacement Installation Phase 2		
1125	88	Titusville Fiber Optic Cable Install		
1126	âŝ	FY07 Comm Infrastructure Upgrade for Transmission & Cable		
127	භිභ	Shuttle ATXS Edge Switch Upgrade		
128	පිහි	Cable 08 Replacement - KSC Comm Upgrade		
129	92	VABR to CD&SC Copper Cable Installation		
1330	755	CIP 2nd Floor Network Upgrade		
1131	26	KNET infrastructure Upgrades Phase 26-Base Support Building Network Upgrade		
132	26	OSB   Network Ungrade		
1133	92	Base Operating Building Network Upgrade		
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